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# CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited in the United States Postal Service as first class mail in the envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on

9/11/03

Date of Deposit

Douglas E. Eickson  
Attorney

29,530  
Reg. No.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

Patent No. : 6,589,032  
Date of Issue : July 8, 2003  
Name of Patentee : Summers, III et al.  
Title of Invention : PUMP AND PUMP PISTON ASSEMBLY  
Docket No. : DP-305345

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OFFICE OF PETITIONS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## PETITION FOR CORRECTION OF INVENTORSHIP OF PATENT (37 CFR §1.324)

This is a petition for correction of error in a nonjoinder of inventor in the above issued patent. It is respectfully requested that the U.S. Patent and Trademark Office issue a certificate correcting the inventorship to include Charles F. Norris, Jr., as a co-inventor.

Enclosed herewith are:

- 1) Statement of Non-Deceptive Intent by Person Being Added by Petition to Change Inventorship of Patent (37 CFR §1.324(b)(1)) executed by Charles F. Norris, Jr.;
- 2) Statement Agreeing to Change of Inventorship of Patent by Correctly Named Inventor (37 CFR §1.324(b)(2)) executed by Herbert Stanley Summers, III;
- 3) Statement Agreeing to Change of Inventorship of Patent by Correctly Named Inventor (37 CFR §1.324(b)(2)) executed by David Fredrick Reuter; and
- 4) Consent of Assignee to Correction of Inventorship Under 37 CFR §1.48, including Statement Under 37 CFR §3.73(b) executed by Delphi Technologies, Inc.

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Patent No.: 6,589,032  
Docket No.: DP-305345

Also enclosed is a check in the amount of \$130.00 representing the filing fee payable under 37 CFR §1.20(b). The Commissioner is authorized to charge any additional fees required, or to credit any overpayment to Deposit Account No. 20-0809.

Respectfully submitted:

By: Douglas E. Erickson  
Douglas E. Erickson  
Reg. No. 29,530

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

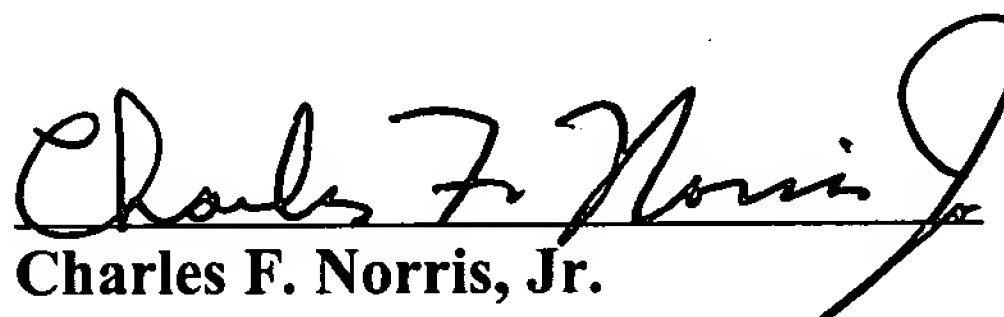
Patent No. : 6,589,032  
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**STATEMENT OF NON-DECEPTIVE INTENT BY PERSON BEING ADDED  
BY PETITION TO CHANGE INVENTORSHIP IN PATENT  
(37 CFR §1.324(b)(1))**

I, Charles F. Norris, Jr., the person who is being added as an inventor by the petition being submitted to correct the inventorship of this patent do hereby declare that the inventorship error in failing to include my name as an inventor on this patent occurred without any deceptive intention on my part.

Signed this 22 day of August, 2003.

  
Charles F. Norris, Jr.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,589,032  
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Name of Patentee : Summers, III et al.  
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**STATEMENT AGREEING TO CHANGE OF INVENTORSHIP IN PATENT  
BY CORRECTLY NAMED INVENTOR, HERBERT STANLEY SUMMERS, III  
(37 CFR §1.324(b)(2))**

I, Herbert Stanley Summers, III, an inventor signing below and who is correctly named in the above-identified patent, make the following statement in support of the petition to correct the inventorship of this patent:

I agree to the change of inventorship of this patent.

Signed this 28 day of August, 2003.

  
**Herbert Stanley Summers, III**



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,589,032  
Date of Issue : July 8, 2003  
Name of Patentee : Summers, III et al.  
Title of Invention : PUMP AND PUMP PISTON ASSEMBLY  
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**OFFICE OF PETITIONS**

**STATEMENT AGREEING TO CHANGE OF INVENTORSHIP IN PATENT  
BY CORRECTLY NAMED INVENTOR, DAVID FREDRICK REUTER  
(37 CFR §1.324(b)(2))**

I, David Fredrick Reuter, an inventor signing below and who is correctly named in the above-identified patent, make the following statement in support of the petition to correct the inventorship of this patent:

I agree to the change of inventorship of this patent.

Signed this 22 day of August, 2003.

  
David Fredrick Reuter



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,589,032  
Date of Issue : July 8, 2003  
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**CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP  
UNDER 37 CFR §1.48**

Delphi Technologies, Inc. is the assignee of the above-identified patent, as evidenced by the assignment recorded in the assignment record of the United States Patent and Trademark Office on Reel 012292 / Frame 0455.

Delphi Technologies, Inc. consents to the addition of Charles F. Norris, Jr. as an added inventor on the above-identified patent.

Statement Under 37 CFR §3.73(b)

Delphi Technologies, Inc. certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of an assignment from the inventors, Herbert Stanley Summers, III and David Fredrick Reuter, of patent application Serial No. 09/905,252 and all divisions and continuations thereof, to Delphi Technologies, Inc. (as evidenced by the assignment recorded with the United States Patent and Trademark Office on September 21, 2001, at Reel 012292 / Frame 0455). The undersigned has reviewed all the documents in the chain of title of the patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

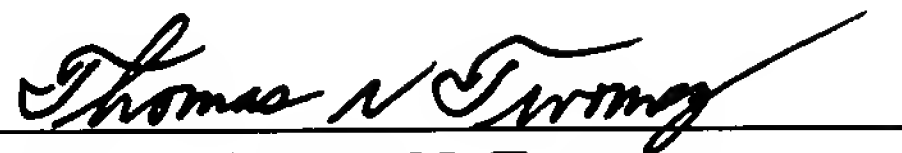
The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States

Patent No.: 6,589,032  
Docket No.: DP-305345

Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 29 day of August, 2003.



Name: Thomas N. Twomey  
Title: Vice President

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